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ABSTRACT OF THE DISCLOSURE

A system for maintaining the data rate of receivers to a network as requested media is delivered to one or more of the receivers. The system includes a proxy module acting as a single portal through which media requests are delivered to the network. The proxy module retrieves a stream of the requested media and delivers the media to the aggregation module for distribution and bookkeeping. The aggregation module retrieves and caches or buffers the stream of requested media from the proxy module. The aggregation module generates one or more media streams deliverable to the requesting receivers, such streams being receiver specific streams or non-receiver specific streams. The aggregation module can also deliver the requested media to the receivers upon an unused video and/or audio channel available to the receiver.

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